



NDI<sup>®</sup> | HX

# TLC-700-IP-35-4K(NDI)

NDI Live Streaming PTZ Video Camera

NDI

35X

4K

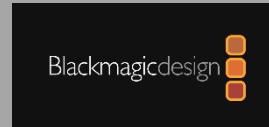
POE

# Broadcast Level, Enterprises Cost Live Streaming

TLC-700-IP-35-4K(NDI) is integrated with latest NDI|HX SDK, 35X 4K HD PTZ video camera, it is equipped with most advanced image processing solution, Sony 1/1.7 inch 12MP sensor, truly 4K lens, to output 4K sharp image. It has smooth PTZ mechanical design, to make accurate pan, tilt, zoom movement. NDI, HDMI, SDI and USB3.0 simultaneously output 4K and HD resolution, ideal for professional live streaming application.



Work With:



# Key Features

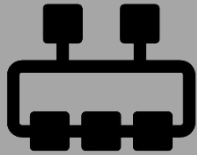
## 4K&HD resolution

Deliver 3840x2160 p30 Ultra HD video resolution;  
WDR, 3D Noise Reduction feature;

4K

## NDI,HDMI, 3G-SDI, USB3.0

NDI, HDMI, 3G-SDI, USB outputs, fit for different application  
4K video over HDMI and IP, support both H.264, H.265 encoding;



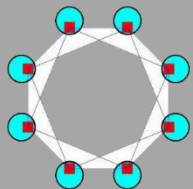
## POE

Support POE: one single CAT5/6 to get video, control and power supply;



## Daisy Chain

7 PTZ cameras connect with 1 controller via VISCA In and VISCA out, to be controlled



## 35x optical zoom

4K wide angle optical lens: 35x optical zoom and 2x digital zoom , with 60 degree field of view;

## With Latest NDI SDK

NewTek's NDI® creates a plug-and-play environment for various products and platforms in live streaming, making it possible to produce abundant and diverse live content.



## VISCA over IP

Standard Sony VISCA, IP VISCA, PELCO-P, PELCO-D control protocol; IP VISCA over both TCP and UDP; ONVIF



## Smooth PTZ mechanism

Smooth PTZ mechanical design, accurate and fast pan tilt zoom movement;  
128 presets;



Model Number	TLC-700-IP-35-4K(NDI)			
Sensor	1/1.7 inch, 12mega pixel high quality Sony CMOS sensor			
Video Format	HDMI	NDI	SDI	USB3.0
	3840*2160p30/25, 1920*1080p60/59.94/50/ 30/29.97/25/24, 1920*1080i60/59.94/50, 1280*720p60/59.94/50/ 30/29.97/25	Main stream 1920*1080@30-15 3840*2160@30-15 Sub stream: 1280*720@30-15 1024*576@30-15 640*360@30-15	1920*1080p60/59.94/50/30/29.97/25/24, 1920*1080i60/59.94/50, 1280*720p60/59.94/50/29.97/30/25	USB3.0: 1920*1080p60/50/30/25, 1280*720p60/50/30/25, 1024*576p30 USB2.0: 1024*576p30,960*540p30, 640*360p30,512*288p30
Zoom	35x optical zoom+2x digital zoom			
FOV	2.02°(near)~60°(far)			
Min. Focus Distance	Wide: 0.3m      Tele: 1.5m			
Preset	10 via remote controller; 128 via serial port; preset precision:0.1°			
Rotation Angle	Pan: -170° ~ +170°;    Tilt: -30° ~ +90°			
Rotation Speed	Pan: -0°~120°/s ;    Tilt: 0°~80°/s			
Control Port	RS232 / RS485/RJ45/USB3.0			
Video Port	NDI/HDMI/3G-SDI/USB3.0			
Noise Reduction	2D&3D			
SNR	>50dB			
Focal Length	f= 5.8(near)~203mm(far)			
Minimum LUX	0.1 LUX			
White Balance	Auto / Manual/Auto Tracking/OnePush/Indoor/Outdoor/Sodium /Fluorescent			
Anti Flicker	50Hz/60Hz/OFF			
D/N Mode	Supported			
Gamma	Supported			
Mirror Image	Supported			
Pan/Tilt Flip	Supported			
Iris	Auto / Manual			
Electric Shutter	Auto / Manual			
BLC	Auto / Manual			
Focus	Auto / Manual			
Video Encoding	H.264/H.265			
Bit Rate Control	Variable Bit Rate, Constant Bit Rate			
Network Speed	1000M			
Video Bit Rate	1024Kbps~51200Kbps			
Frames	50HZ:15fps~50fps 60HZ:15fps~60fps (3840x2160 max. 30fps)			
IP Protocol	NDI, TCP/IP, HTTP, RTSP, RTMP, ONVIF, DHCP, VISCA over IP (TCP&UDP), HTML5			
POE	Supported, POE+(IEEE802.3at)			
Input Voltage	DC12V, 2A			
Dimension	220mm×173mm×190mm			
Net Weight	1.25KGS (2.8LBS)			

**Note: When HDMI outputs 4K, NDI outputs 4K, and 3G-SDI&USB3.0 have no image. If you need SDI and USB3.0 output image, the HDMI needs to output 1080p or lower than 1080p resolution.**

# Application



**House of Worship**



**Classroom**



**Broadcast**



**Legislative**

**IO Connection**



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